

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"20040269836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/04 11:04
L2	19	ellison and (valve and (port near multi))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/04 11:04
S1	1	"10590985"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 11:26
S2	17	michael near rode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 11:27
S3	6	("5420432"   "6263725"   "6657718").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/18 11:27
S4	13080	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:04
S6	13	356/432-436,439-441.cds. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:04
S7	53	222/52-61.cds. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:05
S8	426	"73"/.das. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:05

S9	168	S4 and ((multi or plurality) near port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:18
S10	6	S8 and ((multi or plurality) near port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 14:18
S11	1	"11485193"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/03 16:10
S12	14	73/61.55,61.59,61.64,61.68,61.56 cdfs. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 08:25
S13	25	("3975946"   "4073725"   "4102782"   "4181022"   "4366060"   "4382000"   "4384958"   "4478713"   "4629561"   "4698151"   "4861555"   "4942018"   "4969993"   "4991428"   "5042293"   "5118628"   "5277871"   "5286652"   "5389251").PN. OR ("5531106").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/04 17:25
S14	5	("5383574"   "5531106"   "5551309"   "5630943"   "5755561").PN. OR ("6896797").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/04 17:26
S15	50	("2938849"   "3074865"   "3129152"   "3193484"   "3222267"   "3326785"   "3341299"   "3399972"   "3506562"   "3666652"   "3718556"   "3920397"   "3926559"   "4248681"   "4265634"   "4312715"   "4314823"   "4403039"   "4459357"   "4487670").PN. OR ("4861555"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/04 17:29
S16	1	S15 and ((valve or pump) and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:30
S17	20	S15 and ((valve or pump) and (flow near rate) and (liquid or fluid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:30
S18	13080	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:31
S19	306	S18 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:31

S20	0	S15 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:31
S21	426	"73"/.clas. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:31
S22	11	S21 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:31
S23	168	S18 and ((multi or plurality) near port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:32
S24	5	S23 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:32
S25	81	S23 and ((auto or self) enar calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:34
S26	266	S21 and ((auto or self) enar calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:34
S27	247	S19 and ((auto or self) enar calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/04 17:34
S28	50	("2938849"   "3074865"   "3129152"   "3193484"   "3222267"   "3326785"   "3341299"   "3399972"   "3506562"   "3666652"   "3718556"   "3920397"   "3926559"   "4248681"   "4265634"   "4312715"   "4314823"   "4403039"   "4459357"   "4487670").PN. OR ("4861555").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 09:23
S29	20	S28 and ((valve or pump) and (flow near rate) and (liquid or fluid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 09:23

S30	10	S29 and ((auto or self) enar calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 09:23
S31	13092	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S32	306	S31 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S33	14	S32 and ((auto or self) enar calibrat\$4) and (water and clean and (pipe or tube)) and (vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S34	426	"73"/.clas. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S35	6	S34 and ((auto or self) enar calibrat\$4) and (water and clean and (pipe or tube)) and (vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S36	168	S31 and ((multi or plurality) near port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S37	7	S36 and ((auto or self) enar calibrat\$4) and (water and clean and (pipe or tube)) and (vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S38	1	S32 and ((auto or self) near calibrat\$4) and (water and clean and (pipe or tube)) and (vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S39	1	S32 and ((auto or self) same calibrat\$4) and (water and clean and (pipe or tube)) and (vehicle or car or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 10:47
S40	44	("3869376"   "3905886"   "3964985"   "3994799"   "4403039"   "4459357"   "4713156"   "4751189"   "4804451"   "4806219"   "4861555"   "4871431"   "4880513"   "4925541"   "4969983").PN. OR ("5045204").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 11:04

S41	29236	((((determin\$4 or measur\$4) near (contents or particle or properties or compound or organic)) same (solid or liquid or (suspended near (flow or liquid or sample or fluid))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 11:21
S42	7	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 11:22
S43	486	((((determin\$4 or measur\$4) near (contents or particle or properties or compound or organic)) same (solid or liquid or (suspended near (flow or liquid or sample or fluid))))).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 11:22
S44	1	S43 and (spectroscopic same measur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 11:23
S45	1	S43 and (spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/05 11:23
S46	38	("3618061"   "3745350").PN. OR ("3892485").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 11:23
S47	12	("3319514"   "3850529"   "3890510"   "3892485"   "4699509"   "5009064"   "5230863"   "5287168"   "5402242"   "5712710"   "5772589").PN. OR ("7359055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 13:55
S48	14	("3890510"   "4786171"   "4851665"   "4917491"   "4989942"   "5046854"   "5069552").PN. OR ("5287168").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/05 13:59
S49	147	gary near schultz	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 14:10
S50	0	S49 and (dry near (sample or vessel or flow))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 14:11
S51	6	S49 and (dry same (sample or vessel or flow))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 14:11
S52	14	S49 and ((calibrat\$4 or correct\$3) and (vehicle or car or automobile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/08 14:26

S53	486	((((determin\$4 or measur\$4) near (contents or particle or properties or compound or organic)) same (solid or liquid or (suspended near (flow or liquid or sample or fluid))))).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 11:51
S54	2	S53 and ((calibrat\$4 or correct\$3) and (vehicle or car or automobile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 11:51
S55	13092	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 11:51
S56	168	S55 and ((multi or plurality) near port)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 11:51
S57	20	S56 and ((calibrat\$4 or correct\$3) and (vehicle or car or automobile))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/09 11:51
S58	13095	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 10:10
S59	27	S58 and ((multi or plurality) near port) and (regulat\$4 near temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 10:10
S60	13095	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 10:10
S61	45	S60 and (concentration and spectroscopic) and (regulat\$4 near temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 10:10
S62	13095	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:00

S63	21	S62 and ((multi or plurality) near port) and (regulat\$4 near temperature) and contaminat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:00
S64	13095	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:00
S65	41	S64 and (concentration and spectroscopic) and (regulat\$4 near temperature) and contaminat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:00
S66	1	S62 and ((multi or plurality) near port) and (regulat\$4 near temperature) and contaminat\$4 and (automobile or car or vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:05
S67	1	S64 and (concentration and spectroscopic) and (regulat\$4 near temperature) and contaminat\$4 and (automobile or car or vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:05
S68	2384	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:05
S69	672	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehicle) and ((dry or clean \$4) and (contaminat\$4 and fluid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:06
S70	106	S69 and ((automobile or vehicle) and (spectroscop \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:07
S71	57	S69 and ((automobile or vehicle) and (spectroscop \$4 and calibrat\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:09
S72	113	S68 and ((automobile or vehicle) and (spectroscop \$4 and calibrat\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:11

S73	2539	(pump and (flow near rate) and (liquid or fluid)) and ((flow) same controll\$4) and (automobile or vehicle) and ((dry or clean\$4) and (contaminat\$4 and fluid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:20
S74	471	S73 and (calibrat\$4 and valve and concentration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:21
S75	19	(US-20070272004-\$ or US-20080314129-\$).did. or (US-6813568-\$ or US-5531106-\$ or US-4384958-\$ or US-4073725-\$ or US-4629561-\$ or US-4969993-\$ or US-4861555-\$ or US-5042293-\$ or US-5277871-\$ or US-5389251-\$ or US-6896797-\$ or US-5354438-\$ or US-5045204-\$ or US-3892485-\$ or US-7359055-\$ or US-5287168-\$ or US-5402242-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/11 14:38
S76	1	S75 and (calibrat\$5 and (dry or clean) and (vehicle or automobile or truck))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:39
S77	452	S74 and (calibrat\$5 and (dry or clean) and (vehicle or automobile or truck))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:39
S78	275	S74 and (calibrat\$5 and (dry or clean) and (vehicle or automobile or truck)) and ((regualt\$4 or control\$4) near temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:40
S79	71	S78 and (water and valve and port and flow and sample and waste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:43
S80	32	"73"/.clas. and (pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (water and valve and port and flow and sample and waste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 14:51
S81	6	("4118987"   "4134289"   "4638675"   "5176035").PN. OR ("5353652").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/11 15:06
S82	667	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehide) and ((dry or clean) and contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:46
S83	13	(pump near (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehicle) and ((dry or clean) and contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:47



S84	425	(pump same (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehicle) and ((dry or clean) and contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:47
S85	305	(pump same (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or car or vehicle) and ((dry) and contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:49
S86	171	(pump same (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4) and (automobile or vehicle) and (dry and contaminat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:49
S87	5	S86 and (organic near waste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:53
S88	39	S82 and (organic near waste)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 16:53
S89	3	(stephen near cypes) and (water and dry)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 17:08
S90	16	(stephen near cypes)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 17:09
S91	13	UHRICH near MARK	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 17:09
S92	96	(CARLSON near ERIC ) and fluid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 17:21
S93	55	(KOLOSOV near OLEG ) and (fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/11 17:21

S94	27	(Bennett near James) and (Matsiev near Leonid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 15:43
S95	13	S94 and (dry and concentrat\$4 and fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 15:43
S96	6	(Padowitz near David) and (Kolosov near Oleg)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 15:47
S97	59	(vehicle or transportation or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and (calibrat\$4 and spectroscop\$7)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:05
S98	303	(vehicle or transportation or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and ((calibrat\$4 or spectroscop\$7) same (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:06
S99	48	(vehicle or transportation or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and ((calibrat\$4 or spectroscop\$7) near (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:06
S100	24	(vehicle or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and ((calibrat\$4 or spectroscop\$7) near (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:07
S101	10	("5042293"   "5420432"   "6263725"   "6657718"   "6813568").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:19
S102	24	("3892485"   "3917945"   "4152075"   "4361403"   "4587835"   "4726931"   "4775794"   "4994671").PN. OR ("5420432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 16:22
S103	196	((vehicle or automobile) and (dry and fluid)) and ((fluid or liquid) near (valve or port)) and ((components or concentrat\$4) near (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:28
S104	34	S103 and (pipe and port and valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:29

S105	2	"5420432".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 16:46
S106	45	("1168623"   "2277113"   "2392723"   "2400977"   "3357413"   "3380466"   "3397684"   "3907468"   "4095575"   "4258676"   "4299774"   "4348991"   "4369738"   "4381736"   "4391235"   "4413596"   "4423705"   "4512300"   "4537349"   "4545333"   "4550693"   "4685430"   "4726325"   "4798177"   "4813408"   "4911110"   "4961530"   "5121714"   "5170755"   "5174254"   "5213086"   "5415147"   "5483927").PN. OR ("5724931").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 16:59
S107	52	"5647977"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/12 17:02
S108	0	S107 and (vehicle or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and ((calibrat\$4 or spectroscop \$7) near (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 17:03
S109	3	S107 and (vehicle or automobile) and (dry and concentrat\$4 and fluid) and ((fluid or liquid) near (valve or port)) and ((calibrat\$4 or spectroscop \$7) and (determin\$4 or measur\$4 or control\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/12 17:04
S110	28	((organic or waste) and (pump near (sample or fluid or water or port or valve)) and ((dry or clean) near (vessel or port))) and (vehicle or automotive or automobile or transportation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 10:59
S111	79	((organic or waste) and (pump same (sample or fluid or water or port or valve)) and ((dry or clean) near (vessel or port))) and (vehicle or automotive or automobile or transportation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 10:59
S112	26	((organic or waste) and (pump same (sample or fluid or water or port or valve)) and ((dry or clean) near (vessel or port))) and (vehicle or automotive or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:30
S113	14	((organic or waste) and (pump near (sample or fluid or water or port or valve)) and ((dry or clean) near (vessel or port))) and (vehicle or automotive or automobile or transportation) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:31
S114	10	((waste) and (pump same (sample or fluid or water or port or valve)) and ((dry or clean) near (vessel or port))) and (vehicle or automotive or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:35

S115	591	((waste) and (pump same (sample or fluid or water or port or valve)) and ((dry) same (vessel or port))) and (vehicle or automotive or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:35
S116	202	((waste) and (pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automotive or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:48
S117	191	((waste) and (pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:48
S118	12	S117 and (automat\$4 same calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:49
S119	734	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:50
S120	14	S119 and (automat\$4 same calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:50
S121	3	S119 and (self same calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 11:58
S122	734	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:53
S123	175	S122 and calibrat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:53
S124	175	S123 and (vehicle or cars or automotive or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:53

S125	97	S123 and (cars or automotive or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:53
S126	112	S123 and (vehicle or cars or automotive or automobile) and ((regualt\$4 or control\$4) near temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:54
S127	253	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration and ((regualt\$4 or control\$4) near temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:54
S128	18	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration and ((regualt\$4 or control\$4) near temperature) and spectroscopic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 13:55
S129	734	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:46
S130	175	S129 and calibrat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:46
S131	11	S130 and (vehicle or cars or automotive or automobile) and ((regualt\$4 or control\$4) near temperature) and spectroscopic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:46
S132	13107	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:47
S133	112	S132 and (concentration and spectroscopic) and (calibrat\$4 and dry and (temperature same (regulat\$4 or control\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:47
S134	905	S132 and (concentration and (calibrat\$4 and dry and (temperature same (regulat\$4 or control\$4))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:47

S135	33	S133 and (cars or automobile or vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:48
S136	310	S134 and (cars or automobile or vehicle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 15:48
S137	29	S136 and (drying and ((regulat\$4 or control\$4) near (temperature and flow)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:43
S138	106	S134 and (drying and ((regulat\$4 or control\$4) near (temperature and flow)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:43
S139	106	S129 and (drying and ((regulat\$4 or control\$4) near (temperature and flow)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:43
S140	209	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (automobile) and concentration	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:50
S141	62	S140 and (calibrat\$4 and concentration and dry)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:51
S142	28	(US-20070272004-\$ or US-20080314129-\$ or US- 20070017291-\$ or US-20030190608-\$ or US- 20060006114-\$ or US-20020179493-\$ or US- 20060041248-\$).did. or (US-6813568-\$ or US- 5531106-\$ or US-4384958-\$ or US-4073725-\$ or US-4629561-\$ or US-4969993-\$ or US-4861555-\$ or US-5042293-\$ or US-5277871-\$ or US- 5389251-\$ or US-6896797-\$ or US-5354438-\$ or US-5045204-\$ or US-3892485-\$ or US-7359055-\$ or US-5287168-\$ or US-5402242-\$ or US- 5353652-\$ or US-4079585-\$ or US-5420432-\$ or US-7150286-\$).did.	US-PGPUB; USPAT	OR	ON	2009/03/13 16:56
S143	8	S142 and (calibrat\$4 and dry\$4 and (temperature same (self or automat\$4 or calibrat\$4 or control \$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:58

S144	5734	((determin\$4 near (concentration))) and (calibrat\$4 and dry\$4 and (temperature same (self or automat\$4 or calibrat\$4 or control\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:58
S145	983	S144 and ((valve or vessel) same (port or pump))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/13 16:59
S146	6370	((determin\$4 near (concentration))) and (calibrat\$4 and dry\$4 and (temperature same (self or automat\$4 or calibrat\$4 or control\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:52
S147	1086	S146 and ((valve or vessel) same (port or pump))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:52
S148	0	S147 and ((measurement near (unit or cell or device or area or housing)) same (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:52
S149	0	((measurement near (unit or cell or device or area or housing)) same (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:52
S150	0	((measur\$5 same (unit or cell or device or area or housing)) same (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:53
S151	0	((measur\$5 same (unit or cell or device or area or housing)) same (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:53
S152	3	((measur\$5 same (unit or cell or device or area or housing)) and (spectroscopic same nondestructive)) and (pump\$4 same light same (absorption or transmission))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:54
S153	14	((measur\$5 same (unit or cell or device or area or housing)) and (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission)) and (vehicle or automobile or car or machine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:55

S154	11	((measur\$5 same (unit or cell or device or area or housing)) and (spectroscopic and nondestructive)) and (pump\$4 same light same (absorption or transmission)) and (vehicle or automobile or car)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:55
S155	11	S154 and (concentration and (dry or clean))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 13:58
S156	54	("2839152"   "3240052"   "3291980"   "3712111"   "3991626"   "4033171"   "4059994"   "4076420"   "4095455"   "4123236"   "4151741"   "4165644"   "4346584"   "4517824"   "4658637"   "4872334"   "4962662"   "5034193"   "5099743"   "5240603"   "5305232"   "5340476"   "5476000"   "5504486"   "5526675"   "5605839"   "5624846"   "5668735"   "5811059"   "5846293"   "5859360"   "5918257"   "5932101"   "6027758"   "6062065"   "6120985"   "6155097"   "6301952"   "6456095"   "6494078").PN. OR ("6865926").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/18 13:59
S157	2	S156 and (determin\$4 near (concentration)) and (calibrat\$4 and dry\$4 and (temperature same (self or automat\$4 or calibrat\$4 or control\$4))) and (spectroscop\$4 and valve and concentration)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:05
S158	258	(determin\$4 near (concentration)) and (calibrat\$4 and dry\$4 and (temperature same (self or automat\$4 or calibrat\$4 or control\$4))) and (spectroscop\$4 and valve and concentration) and (water and dry and clean)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:06
S159	0	S154 and (concentration and (dry and clean))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:06
S161	215	S158 and (pump\$4 and (flow near (rate or speed)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:07
S162	215	S158 and (pump\$4 and (flow near (rate or speed))) and calibrat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:08
S163	1	S158 and ((pump\$4 and (flow near (rate or speed))) and calibrat\$4).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:08



S164	1	S158 and ((pump\$4 and (flow same (rate or speed))) and calibrat\$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/18 14:10
S165	7	("2002/0051132").URPN.	USPAT	OR	ON	2009/12/18 14:15
S166	13896	(pump and (flow near rate) and (liquid or fluid)) and ((vessel and flow) same controll\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 21:12
S167	380	S166 and (concentration and spectroscopic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 21:12
S168	10	S167 and ((auto or self) near calibrat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 21:12
S169	1	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration and (spectroscopic near (measur\$4 or nondestructive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 21:13
S170	6	((pump same (sample or fluid or water or port or valve)) and ((drying) same (vessel or port))) and (vehicle or automobile) and concentration and (spectroscopic same (measur\$4 or nondestructive))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/03 21:13

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